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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/755,084 | 01/08/2001 | James H. Waldo | 06502.0110-01 | 6895 |

22852 7590 05/07/2004

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| EXAMINER |
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GECKIL, MEHMET B

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| ART UNIT | PAPER NUMBER |
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2142

DATE MAILED: 05/07/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/755,084

Applicant(s)

WALDO ET AL.

Examiner

Mehmet B. Geckil

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 November 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 8-24 and 26-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 8-24 and 26-39 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 13,14,17,1 6) ☐ Other: _____

1. Claims 8-24 and 26-39 are presented for examination. Applicant should update status of the related applications cited throughout the application.
2. Rejection of claims 8-24 and 26-39 are maintained. Rejected claims are reproduced hereinbelow for the convenience.
3. Claims 8-24 and 26-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pal et al.
4. Pal et al (6,219,675) taught the invention substantially as claimed (e.g., exemplary claim 8) including a database data processing system having a lookup service or database service with associated services, e.g., query service available for use in the data processing system, comprising a navigational agent sending a callback message to a client computer where the callback message requesting a response when the client completed processing (e.g. updating) with a particular database object (col 5, line 23 et seq; col 6, line 57 et seq; and col 7, line 1 et seq.) It would have been obvious to one of ordinary skill in the networking and database art at the time of the invention that the claimed invention differed from the teachings of Pal et al only by a degree, e.g. in the claimed lookup service and requesting notification particulars. It is well known to one skill in the art that lookup service as referred in the claims is an obvious variation of the database because databases are used for lookup services or for query services. The meaning of lookup and query are synonymous. For example, everyone knows how

to use Yaahoo and enter a query regarding a person's name or a zip code to receive weather information corresponding to the zip code location. Yahoo looks it up from its database and responds with the matching answer. Moreover, it is well known in the telephone services art to use lookup services of the telephone numbers for decades. Applicant is broadly claiming that when a lookup service is updated, the requesting client should be notified but this is exactly an obvious variation of Pal et al teaching of the callback message requesting a response when the client completed processing. All other variations of notification according to when or while the update occurs are all obvious variations of Pal et al teachings.

5. Applicant in the response argued that claims should be interpreted in light of the specification and the specification teaches djini at pages 12-13. Applicant is reminded that examiner has a duty to interpret the claims as broadly as possible in light of the specification and in this light it is no more than a database because functions performed are also performed by the databases as explained in the rejection hereinabove. The central registry or Djinn as applicant argues is not in the claims and applicant's argument is therefore improper. It would have been obvious to one of ordinary skill in the network programming and database art to write various variations of the callback taught by Pall et al including callbacks requests originating from the client. Therefore, the rejection is proper. These set of claims are too broad for the issue and read on the prior art systems when interpreted as broadly as possible by the examiner. Claims will

be indicated as allowable when the scope of the claims are narrowed down and differentiated clearly from the prior art systems.

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Beck et al (6,604,140) taught a lookup service using a registry for registration and updating (see col 2, lines 25-45.)

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mehmet Geckil whose telephone number is (703) 305-9676. The examiner can normally be reached on Monday through Friday from 6:30 A.M. to 3:00 P.M..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Mark Powell, can be reached on (703) 305-9703. The fax phone numbers for the organization where this application or proceeding is assigned are listed hereinbelow.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800/4700. Customer service number is (703) 306-5631.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 746-7238 (for After final communications);

Or:

(703) 746-7239 (for formal communications intended for entry)

Or:

(703) 746-7240 (for status inquiry or informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal Drive, Arlington, VA., Fourth Floor (Receptionist).

5/3/04

MEHMET B. GECKIL
PRIMARY EXAMINER

